Q1

```
void main() {
BankAccount A1=BankAccount();
String key='y';
while(key=='y'){
  print("if you want deposit enter 1 \n but if you want withdrawenter 2");
  String ope=stdin.readLineSync()!;
  if(ope=='1'){
    print("Enter value of deposit");
    int X=int.parse(stdin.readLineSync()!);
A1.depoist(X); }
else if(ope=='2'){
  print("Enter value of withdraw");
   int X=int.parse(stdin.readLineSync()!);
A1.withdraw(X);}
print("do you want do operator y/n");
key=stdin.readLineSync()!;
} }
class BankAccount{
  int _balance=0;
  int get balance =>this._balance;
 depoist(int amount){
  if(amount>0){
    dynamic newbalance= _balance+=amount;
    print("the amount is depist is $amount ");
    print("balance after update is $newbalance"); }
  else{
    print("Enter positve value");
  } }
 withdraw(int amount){
  if(amount>0){
  if(amount<=_balance){
```

```
   print("the amount is depist is $amount ");
   print("balance after update is ${_balance-=amount}");
  } }
  else{
   print("Enter positve value");
  }}}
```

Q2

```
  void main(){
var l=Rectangle(10,5);
l.Rectanglearea();
var l2=Trinagle(5, 10);
l2.Trinaglearea();
}
class shape{
  double diameter1=0;
  double diameter2=0;
 shape(this.diameter1,this.diameter2);
}
class Rectangle extends shape{
  Rectangle(double d1,double d2):super(d1,d2);
 void Rectanglearea(){
  double area=diameter1*diameter2;
  print("area of Rectangle is $area");
}
}
class Trinagle extends shape{
  Trinagle(double d1,double d2):super(d1,d2);
  void Trinaglearea(){
   double area=.5*diameter1*diameter2;
   print("area of Trinagle is $area");
  }}
```